



*MA*

The action of surface-active substances and electrolytes on the crystallization of sulfur from rubber products. W. D. Galikin and Yu. Margolina. *J. Rubber Ind.* (U.S.S.R.) 11, 416-24 (1934). Large crystals of S in raw rubber mixts. often spoil vulcanized materials and rubber gums. Thin-walled gushs, tubelized materials and rubber gums. Various polar compds. (surface-active substances) were tested for their effects in this connection. These substances form centers of crystn., thus hastening the first stage in the formation of a ppt., and they also slow down the growth of the crystals (the second stage of formation of ppt.), being themselves adsorbed on the surface of small crystals. Therefore in the presence of these substances the ppt. of S would consist of a large no. of evenly dispersed small crystals. A rubber-S (100:8) mixt. was dissolved at room temp. in benzene (mixt. of hydrocarbons) "Galosha" in the ratio 1:6. The polar compds. included tech. cod-liver oil, pine tar, stearic and oleic acids, Zn oleate, Ca oleate, etc. From 0.5 to 5.0% of each of these (based on the rubber) was added either to the rubber or to the benzene. The resulting cements were placed on glass and photomicrographs of the films were taken. As electrolytes,

CaCl<sub>2</sub>, NaCl, KBr, LiCl, Pb(OAc)<sub>2</sub> and NaHCO<sub>3</sub> were tested. These electrolytes form colloids with benzene, thus serving as countless centers for the crystn. of S. The av. sizes of crystals in a were: in the mixt. without addn. agents 44  $\mu$ ; with 1% (on the rubber) of cod liver oil 5.0; with 1.5% of Ca oleate 7.1; with traces of NaCl 8.2. The action of the agents depends on their concn. the best results with cod-liver oil were obtained at 1%, and with 3% the crystals of S were larger than those of the mixt. without the agents. The dispersing action of agents in cements diminishes with the aging (after 3 days of storing of prepd. gum with cod-liver oil (in soln.) it forms crystals of S larger than 44  $\mu$ ). Therefore fresh cements should be used or a soln. of agents should be introduced into the mixt. just before using the cements. The high temp. (70°) kills the dispersion and large crystals of S are formed (larger than 44.4  $\mu$ ). The use of machine oil and petrolatum (non-polar compds.) did not decrease the size of the S crystals.

A. Pestoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



LYSENKO, K.A.; MARGOLINA, Ye.I.

Work of young naturalists in schools of Rostov Province. Biol. v  
shkole no. 3:65-68 My-Je '58. (MIRA 11:8)

1. Rostovskiy oblastnoy institut usovershenstvovaniya uchiteley.  
(Roston Province--Agriculture--Study and teaching)

MARGOLINA, V.L.; STROGANOVA, M.M.

(MLRA 10:1)

Jupiter in 1950. *Blul.VAGO* no.18:37-40 '56.

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo  
obshchestva, otdel planet i luny.  
(Jupiter (Planet))

SHUR, Ya.S.; SHTOL'TS, Ye.V.; MARGOLINA, V.I.

Magnetic structure of small monocrystalline particles of Mn-Bi alloy. Zhur. eksp. i teor. fiz. 38 no.1:46-50 Jan '60. (MIRA 14:9)

1. Institut fiziki metallov Akademii nauk SSSR.  
(Manganese-bismuth alloys--Magnetic properties)

MARGOLINA, T.Ye.

Clinical aspects of postvaccinal smallpox meningo-encephalitis.  
Sov.med. 26 no.7:100-102 J1 '62. (MIRA 15:11)

1. Iz terapevticheskogo otdeleniya (zav. L.B.Shimeliovich)  
Gorodskoy bol'nitsy No.50 (glavnyy vrach N.P.Brusova), Moskva.  
(ENCEPHALITIS) (SMALLPOX) (VACCINATION)

MARGOLINA, T.L.; EPSHTEYN, M.B.

Brigades of communist labor at the Second Moscow Watchmaking Plant.  
Priborostroenie no.5:28-30 My '61. (MIRA 14:5)  
(Moscow—Clockmaking and watchmaking)

MARGOLINA, T.L., kandidat tekhnicheskikh nauk.

Strength calculations for stayed derrick masts by the G. Foigt  
method. Sudostroenie 23 no.7:7-11 J1 '57. (MLBA 10:8)  
(Masts and rigging) (Cranes, derricks, etc.)

MARGOLINA, S. Yu.

USSR/Pharmacology and Toxicology. Chemotherapeutic Preparations: Antibiotics 5  
v-7

The Jour : Ref Zhur - Mol., No 13, 1978, No 71266

Author : Frkhopchuk A. Ya., Chernomartseva N. I., Kondarovich A. G.,  
Karpovich Ye. A., Krelisheva A. D., Margolina S. Yu., Bayteina  
M. M., Kozovskiy L. N.

Inst : Belorussian Scientific Research Dermatoveneral Institute  
Title : The So-Called Candida Mycoses Enterites and Nephritis Oc-  
curring During Treatment with Antibiotics.

Orig Pub : Sb. nauchn. rabot. Belorussk. n.-t. kozhno-venereol. in-ta,  
1977, 3, 307-310

Abstract : No abstract

Card : 1/1

MARGOLINA, S.Yu.

TSELISHCHEVA, A.D., KLADNITSKAYA, T.L., DYLO, F.V., KARPOVICH, Ye.A.  
MARGOLINA, S.Yu.

Treating gonorrhea with streptomycin. Sbor.nauch.rab.Bel.nauch.  
-issl.kozhno-ven.inst. 4:278-284 '54 (MIRA 11:7)  
(GONORRHEA)  
(STREPTOMYCIN)

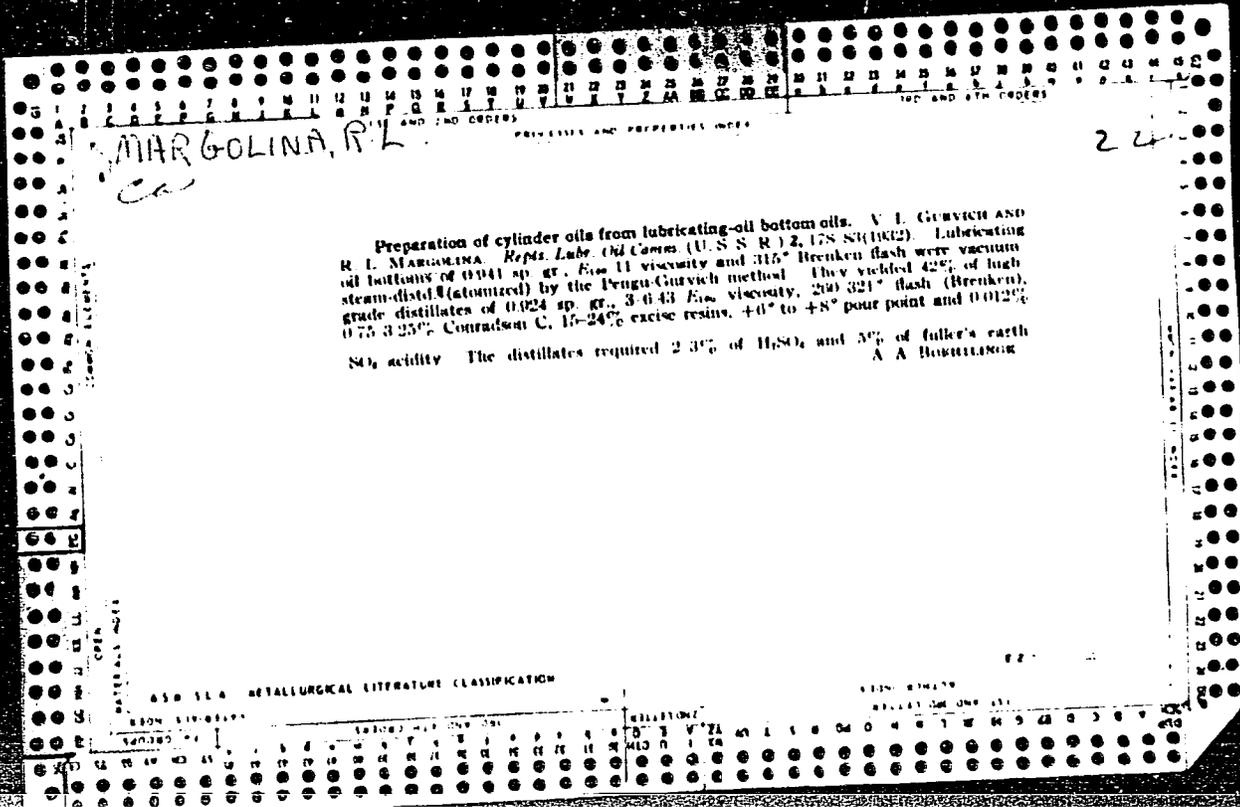
ZOLOTNITSKIY, M.Yu.; EEZVERKHAYA, E.; MARGOLINA, S.; SIDORENKO, L.

Practical summer work of medical school students. Fel'd. i akush.  
24 no.7:59-60 JI '59. (MIRA 12:10)  
(MEDICINE--STUDY AND TEACHING)

KULIYEV, A.M.; KULIYEV, R.Sh.; DREYZINA, M.M.; MARGOLINA, R.L.;  
MUSAYEV, M.R.

Use of the deasphaltizing process in the production of KE-22  
aviation oil. Sbor.trud.AzNII NP no.2:144-155 Ag '58.  
(MIRA 12:6)

(Petroleum products)  
(Lubrication and lubricants)



MARGOLINA R. L. 22

*cd*

Distilled bright stocks from lubricating-oil crude oil. V. I. GURVICH AND R. L. MARIKHINA. *Repts. Lubr. (U. S. S. R.)* 2, 140-57 (1952). - Bright-stock distillates were cooled to  $-20^{\circ}$  at a rate of  $2.5^{\circ}$  per hr., and the mist, which was preliminarily dild. with naphtha, was left at that temp. for 15-24 hrs. The naphtha soln. was then siphoned off, leaving the petrolatum layer on the bottom of the flask. A heat treatment of the oil up to  $80-100^{\circ}$  before the dewaxing has a slightly beneficial effect on the wax. The rate of chilling should not exceed  $5^{\circ}$  per hr. in the range  $60-0^{\circ}$  and should be reduced to  $2-3^{\circ}$  per hr. when below  $0^{\circ}$ . The yield of dewaxed bright stock under the above conditions amounted to 75-77%. The Weir method proved to be satisfactory also. A. A. BOBTLINGER

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

MARGOLINA, P.D., GOLOSÓVSKAYA, M.A.

Unusual reaction of hemopoietic organs to tuberculosis. *Sov.med.*  
22 no.8:132-135 Ag '58 (MIRA 11:10)

1. Iz gosptal'noy terapevticheskoy kliniki (dir. - prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i patologoanatomicheskogo otdeleniya (nauchnyy rukovoditel' - prof. P.P. Dvizhkov) Moskovskoy gorodskoy klinicheskoy bol'nitsy No.5.  
(TUBERCULOSIS, blood in  
leukemoid reaction (Rus))  
(LEUCOCYTES COUNT  
leukemoid reaction in tuberc. (Rus))

Margolina, O.I.

BRANDT, E.I.; MARGOLINA, O.I.

Peculiarities of physiological reactions during radiative heat loss. Opyt izuch.reg.fiziol.funk. no.3:103-118 '54.

(MLRA 8:12)

1. Fiziologicheskiy otdel Dorsanepidstantsii Oktyabr'skoy zheleznoy dorogi i laboratoriya ekologicheskoy fiziologii Instituta fiziologii imeni I.P.Pavlova Akademii nauk SSSR.

(BODY TEMPERATURE)

MARGOLINA, N.M. (Leningrad P-22, Kirovskiy prospekt, d.54, kv.2)

Bromide level in the blood of children with cerebral paralyzes.  
Ortop., travm. i protez. 25 no.5:51 My '64.

1. Iz Detskogo ortopedicheskogo instituta imeni Turnera (dir. -  
prof. M.N.Goncharova), Leningrad. (MIRA 18:4)

ACCESSION NR: AT4042434

of 5-50C and humidity of up to 80%. The article includes brief technical descriptions of all the elements, as well as of the various instruments and regulators using USEPPA elements. Orig. art. has: 27 figures.

ASSOCIATION: none

SUBMITTED: 29Jan64

ENCL: 00

SUB CODE: IE

NO REF SOV: 000

OTHER: 000

Card 3/3

ACCESSION NR: AT4042434

automation purposes. Different types of regulators in series production at the "Tizpribor" plant are described, and intermittent-action regulators (proportional, proportional-integral, multichannel) are said to be in the planning stage. At the present time, the USEPPA system includes 20 different elements which perform a number of very simple operations (pneumatic relays, comparison and adding elements, pneumatic resistances and capacitances, memory units, etc). In terms of their design, all the elements are constructed of square sections. The interconnection of the elements is accomplished by the use of plug boards, with the elements installed by means of screw-in type tubes or stems. The arrangement of the recesses which accommodate these connecting stems has also been standardized. The elements are coupled together through apertures in the stems and channels in the plastic plug boards. The boards are glued together from three thin plates, with channels machined from both sides of the surface of the center plate. If an instrument consists of several boards, rubber tubing is used to connect them. The range in the signals detectable by the continuous pneumatic elements is 0.2 - 1 kgs/cm<sup>2</sup>, with 0 and 1.4 kgs/cm<sup>2</sup> selected as the discrete signals. Instrumentation consisting of these elements may be used under fire- and explosion-proof conditions at a temperature

Card 2/3

ACCESSION NR: AT4042434

S/0000/64/000/000/0021/0041

AUTHOR: Atlas, P. M., Belov, V. I., Margolina, M. L.

TITLE: Unified (standardized) pneumatic elements and their use in the development of pneumo-automatic devices

SOURCE: Vsesoyuznoye soveshchaniye po pnevmo-gidravlicheskoj avtomatike. 5th, Leningrad, 1962. Pnevmo- i gidroavtomatika (Pneumatic and hydraulic control); materialy\* soveshchaniya, Moscow, Izd-vo Nauka, 1964, 21-41

TOPIC TAGS: automation, control system, automatic control, pneumatic control system, pneumatic element, USEPPA system

ABSTRACT: The article discusses the "universal system of industrial pneumo-automatic elements" (also known in its abbreviated form "USEPPA"), which has been developed by the Institut avtomatiki i telemekhaniki (Institute for Automation and Telemechanics) in cooperation with the "Tizpribor" plant. The USEPPA consists of a set of universal elements which operate on the discrete and continuous principle. The USEPPA system makes it possible to create a large variety of instruments and devices for industrial

Card 1/3

85823

S/123/69/000/020/014/019  
A005/A001

Small Devices and Units of a Unified Assembly System

min. The advance unit BP-28B (BP-28B) is provided for the introduction of actions into the control circuit according to the deviation rate of the parameter. The advance time is adjusted in the limits from 3 sec up to 10 min. The summing relay BC-34A (BS-34A) accomplishes algebraic operations: the addition of two pneumatic signals and the subtraction of one signal, the averaging and dividing by 2, the multiplication by 2, the alteration of the signal sign, etc. The amplifying device of the relays has an additional valve for compensating fluctuations of the supply pressure within the limits of  $\pm 10\%$ . The relay can be used as a two-position-controller. The correlation relay PC-33A (RS-33A) is provided for multiplying a pneumatic signal by a constant coefficient. The adjustment of the coefficient from 4 to 0.2 is brought about by moving the fulcrum of the lever system of the device. The signaling relay PC-37A (PS-37A) operates acoustical, optical, and other signaling devices. The pneumatic-electrical transducer ППЗ-6 (PPE-6) is a device of the bellows type. The bellows motion is used for the displacement of the core of an induction coil. The core motion is proportional to the change of pressure and equal to 5 mm. The supply voltage of the coil is 20v. The membrane signal indicator CM-1 (SM-1) affects the key of a microchanger. An electrical signal device is connected to the signal indicator. There are 11 figures.

X

B. Yu. B

Translator's note: This is the full translation of the original Russian abstract.  
Card 3/3

85823

S/123/60/000/020/014/019  
A005/A001

Small Devices and Units of a Unified Assembly System

the following parts: three bellows receivers with rectifying mechanisms, tape supplying mechanism, the transmitter unit, the switch unit changing over from automatic control to hand control, and the housing. The 2PA-29B (2RL-29B) -device is used for recording two parameters and indicating one of the recorded parameters, the 1PA-29A (1RL-29A) -device is used for recording one parameter. The secondary indicating device 2MP-30B (2MP-30V) consists of two indicating mechanisms, the transmitter, the switch unit changing over from automatic control to hand control, the scale changer, and the case; it is used for indicating the value of the controlled parameter and indicating the position of the control point or valve of the executive mechanism. The 1MP-30A (1MP-30A) -device is used for indicating one parameter. The secondary summing device 1SP-31A (ISP-31A) is provided for summing the discharge of liquids and gases and indicating the discharge magnitude on the scale at the given instant. The program transmitters PA-35A (PD-35A) and PA-36A (PD-36A) work out signals at the output defined by the profile of the program disk and by the time. They are accessories of the secondary devices 3PA-29B (ERL-29V) and 2MP-30B (2MP-30V). The proportional-plus-integral controller 4PB-32A (4RB-32A) consists of the following parts: the amplifying device, the controlling device, the comparing and feed back unit, the isodromic unit, and the disconnecting relay. The throttling range is 10 - 250%, the isodromic time varies from 3 sec up to 100

X

Card 2/3

85823

S/123/60/000/020/014/019  
A005/A001

5-1500

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1960, No. 20, pp. 210-211, # 111158

AUTHOR: Margolina, M. L.

TITLE: Small Devices and Units of a Unified Assembly System

PERIODICAL: Opyt raboty prom-sti sovnrarkhoza (Mosk. gor. ekon. adm. r-r.), 1958, No. 11, pp. 52-63

TEXT: Small devices and units are described of a unified pneumatic assembly system. The operation of all controlling devices is based on the compensation principle. The operation range of the inlet and output pressures is 0,2 - 1 kg/cm<sup>2</sup>. The device is supplied with air of 1.4 kg/cm<sup>2</sup> pressure. The extent of the communication line is up to 300 m. The devices are interconnected by copper-, brass-, or aluminum pipes of 8 x 1 mm diameter. The devices can operate in a nonaggressive medium at the +10 - 50°C temperature and 80% relative humidity. The secondary recording device ЗРА-29В (ZRL-29V) is provided for recording and indicating the value of the controlled parameter as well as indicating the position of the controlled point and the valve of the executive mechanism. The device consists of

Card 1/3

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26291

brought about modifications in the morphological properties of dysenteric cultures (large numbers of long filamentous and coccus-type forms appeared, R-colonies predominated), but biochemical properties and agglutinability remained the same. I is not toxic for white mice. Over one month, the activity of I decreased by 2, and by 4 to 10 times in three months.

Card 2/2

MARGOLINA, M. I.

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26291

Author : Margolina, M.I., Gordian, N.M., Kamraz, M.I.

Inst : Kharkov Institute of Vaccines and Serums

Title : Experimental Study of the Effect of Garlic Phytoncides on Dysenteric Bacteria.

Orig Pub : Khar'kovsk. n.-i. in-ta vaktsin i syvorotok, 1955, 22, 75-79

Abst : All 123 of the dysentery bacteria cultures were found to be sensitive to garlic phytoncides (I). Culture growth in bouillon was arrested by garlic juice when diluted to 1: 400 - 1: 80. The greatest sensitivity to I was evidenced by the Grigoryev-Shig dysentery bacillus. No difference was noted in the sensitivities of freshly cultured and museum strains. Culture in a medium containing I did not increase the resistance of the cultures. Continued cultivation in media containing I

Card 1/2

MARGOLINA M.I.

KRICHEVSKIY, A.M., professor; MIKHAYLOVA, P.V., kandidat biologicheskikh nauk; MARGOLINA, M.I., kandidat meditsinskikh nauk; KUZNETSOV, I.D., nauchnyy sotrudnik.

Data on the etiology, clinical aspects, and therapy of the so-called urethro-oculo-synovial syndrome. Vest. ven. i dermat. no.4:6-15 J1- Ag '54. (MLRA 7:8)

(REITER'S DISEASE,  
clin. aspects, etiol., & ther.)

MARGOLINA, M.

PA 22/49T53

USSR/Medicine -- First Aid                      Aug 48  
Medicine -- Hygiene and Sanitation

"Methods of Preparing Students on the Principle  
"Be Ready for Sanitation Defense," M. Margolina,  
4 pp

"Tel'dsher i Akusherka" Nc 3

Stresses importance of Red Cross and Red  
Crescent organizations in peace and war.  
Describes school-training in first aid.

~~22/49T53~~  
22/49T53

MARGOLINA, L.

An answer to the Michurinsk textile workers. Rabotnitsa 37 no.11:23-24  
N '59. (MIRA 13:2)  
(Women--Empolyment)

MARGOLINA, L.F., LYUTROVNIK, B.V. (Moskva)

Determining prothrombin in diluted blood. Lab. delo. 6 [1.e.4]  
no. 4:15-18 JL-Ag '58 (MIRA 11:9)  
(PROTHROMBIN)

MARGOLINA, L.T.  
MARGOLINA, L.T.

"Helminth infections of man" by N.E.Semenova, V.A.Gefter. Reviewed  
by L.T.Margolina. Lab.delo 3 no.6:53 H-D '57. (MIRA 11:2)  
(WORMS, PARASITIC AND INTESTINAL)  
(SEMENOVA, N.E.) (GEFTER, V.A.)

MARGOLINA, L.

~~Protozoal intestinal diseases in man~~ by H.P.Patrik. Reviewed by  
L.Margolina. Lab.delo 3 no.4:59-60 J1-Ag '57. (MLRA 10:8)  
(INTESTINES--DISEASES) (PROTOZOA, PATHOGENIC)  
(PATRIK, N.P.)

PREDTECHENSKIY, V. E., BOROVSKAYA, V. M. and MARGOLINA, L. T.

Laboratornye Metody Issledovaniia (Methods of Laboratory Investigation), 803 p.,  
Medgiz, Moscow, 1950.

117 AND 118 CODES

PROCESSING AND PROPERTY INDEX

CA

Determination of ascorbic acid in blood plasma in C-hypovitaminosis. L. T. Margolina. *Klin. Med.* 23, No. 7-8, 64-5 (1945). --On the basis of a no. of clinical cases, the value of the plasma vitamin-C level detn. is stressed in diagnosis and therapy of various neurological and therapeutic patient groups, all of which showed various degrees of C-hypovitaminosis. G. M. Kosolapoff

11E

COMMON ELEMENTS

MATERIALS INDEX

ASME-SLA METALLURGICAL LITERATURE CLASSIFICATION

REGIONAL LITERATURE

RESEARCH LITERATURE

117 AND 118 CODES

MIRA 8:10, K.P.

GENKEL', P.A.; MARGOLINA, K.P.

Inheritance of acquired characteristics in sunflowers. Fiziol.  
rast. 1 no.1:47-56 S-0 '54. (MIRA 8:10)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva Adad.  
nauk SSSR, Moscow  
(Sunflowers) (Inheritance of acquired characters)

1. GENKEL, F. A. , MARGOLINA, K. F.

2. USSR (600)

4. Botany - Physiology

7. Determining the ability of plants to withstand drought. Dokl. AN SSSR 86 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

GENKEL', P. A., MARGOLINA, K. P.

Grain

Physiological characteristics which raise frost resistance of cereals. Dokl.  
AN SSSR 82 no. 5, 1952. Institut Fiziologii Rasteniy im. K. A. Timiryazeva Akademii  
Nauk SSSR. recd. 30 Nov. 1951.

ф. 785-88

SO: Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ 1953, Uncl.

MARGOLINA, K. P. and GENKEL', P. A.

"On the Viscosity of Protoplasm and the Heat-Stability of the Vegetative and Generative Organs of Plants," Dokl. Ak. Nauk SSSR, 76, No. 4, 587-90, 1951.

Inst. Plant Physiology Im. Timiryazev, M. USSR

MARGOLINA, K. P.

Jun 49

USSR/Biology  
Protoplasm  
Drought

"Elastic Properties of Plant Cell Protoplasm," P.A. Genkel', K.P. Margolina, Inst of  
Plant Physiol imeni K. A. Timiryazev, Acad Sci USSR, 4pp

"Dok Ak Nauk SSSR" Vol LXIV No 5 *p. 953-6*

Describes experiments to determine elasticity of cell protoplasm and the role of such  
elasticity and viscosity in drought-resisting plants. Submitted by Acad N. A. Maksimov,  
9 Apr 49.

PA 50/49T21

MARGOLINA, K. P.

PA 36/49T37

USSR/Medicine - Plant Physiology Jan/Feb 48  
Medicine - Heat, Effects

"Reasons for the Resistance of Succulents to High Temperatures," P. A. Genkel', K. P. Margolina, Inst Plant Physiol imeni K. A. Timiryazev, Acad Sci USSR, Moscow, 8 pp

"Botan Zhur" Vol XXXIII, No 1 p. 55-62

Describes experiments and tabulates results. Concludes that a main reason for the resistance of succulents to high temperatures is the greater viscosity of the plasma and the high fixed water content. Submitted 21 Apr 47.

36/49T37

MARGOLINA, K. P.

"On the Mechanism of the Intake by the Plant of the Nutrient Materials Fixed by Adsorption (The Role of the Contact Exchange),"

SO: Dok. AN, 52, No. 5, 1946. K. A. Timiriazev Inst. Plant Physiol., Acad. Sci.  
-1946-.

Ye. I. Ratner and T. A. Akimochkina.

CA

MARGOLINA K.I.

11-D

Preplanting increase of salt-stability in sugar beet. K. I. Margolina. *Trudy Inst. Fiziol. Rastenii im. K. A. Timiryazeva* 7, No. 1, 202-10 (1955). -- Treatment of swelled sugar beet seeds with 4% NaCl increases the resistance (stability) of the plants to salinity of growing medium; the intake of Cl ion into the plant is reduced, but the yield of the roots is increased, and their sugar content is raised. The viability of the seed is somewhat improved in fresh or saline waters (moist soil). Protoplasm viscosity is raised and the amount of bound water is increased, while elasticity of protoplasm is reduced. The transpiration is lowered. The biochem. behavior of the entire plant is more stable in respect to external conditions. Peroxidase activity, respiration rate, and photosynthetic intensity are higher in the latter stages of growth than in control plants. The total chlorophyll content is raised, but its strength of binding to proteins is reduced. For best results the immersion in NaCl soln. is 0.5-1.0 hr. G. M. Kosolapoff

MARGOLINA, G.M.; SHIFRIN, F.Sh., dotsent, nauchnyy rukovoditel' nauki

A. Einstein's ideas about the teaching of physics. 'on. zap. ped.  
Inst. Gerts. 239:69-75 '62. (CIRA 12:3)

MARGOLINA G.I.

Microbiological characteristics of Charostovets Reservoir during  
first year of its completion. Mikrobiologiya 34 no.4:720-726  
Jl-Ag 165.

(MIRA 18:10)

1. Institut biologii vnutrennikh vod AN SSSR.

MARGOLINA, G.L.

Feeding of Tendipes plumosus in Rybinsk Reservoir. Trudy Inst.  
biol.vodokhran. no.4:246-250 '61. (MIRA 14:10)  
(Rybinsk Reservoir—Chironomidae)

52/49T19

MARGOLINA, G. F.

USSR/Chemistry - Ethylene Oxide  
Chemistry - Derivatives

Jun 49

"Some Characteristics of the Structure and Composition of Dioxane," P. V. Zimakov, G. F. Margolina,  
5½ pp

"Zhur Fiz Khim" Vol XXIII, No 6

Dioxane is sometimes called a "dimer" of ethylene oxide with the genetic scheme: ethylene oxide to dioxane to ethylene oxide polymer. Shows that dioxane formation by depolymerization of ethylene oxide polymers is simpler than by ethylene oxide dimerization. Submitted 11 Aug 48.

52/49T19

MARGOLINA, G. F., Engr.

Cand. Tech. Sci.

Dissertation: "Deasphaltization and Demaraffinization of Oils with the Propene-Propylene Fraction of Cracking Gases." Moscow Order of the Labor Red Banner Petroleum Institute Acad I. M. Gubkin, 30 Sep 47.

SO: Vechernyaya Moskv., Sep, 1947 (Project #17836)

22

MARGOLINA, G. F.

CA

Treatment of highly viscous oil concentrates with sulfur dioxide. G. F. Margolina and V. K. Letadeva. *Vostochnaya Neft 1960, No. 1, 27 ff.* Residual oils from South-Akai crude oils of paraffin or semi-asphalt base may be processed in the following manner: (I) extrn. with  $C_4H_{10}$  (phenol, furfural)  $\rightarrow$  acetone-benzene  $\rightarrow$  clay treatment; (II) propane-propylene  $\rightarrow$   $C_4H_{10}NO_2$  (phenol, furfural)  $\rightarrow$  clay treatment; or (III)  $SO_2$  +  $C_4H_{10}$  extrn.  $\rightarrow$  clay treatment (treatment and dewaxing). The vol. ratio of the solvent in the extrn. amounts to 30%, and in the dewaxing to 40% at a treating temp. of 0-25°. The dewaxing temp. depends upon the desired pour point of the finished oil. For residual oil from asphaltic crude oils of the type of Koschagyl (of Jurassic horizon), extrn. with  $SO_2$  +  $C_4H_{10}$ , followed by a clay treatment is not recommended because of excess C in the oil. Such oils must be first completely desasphaltized with propane (or propane-propylene), then extrd. with a selective solvent such as  $C_4H_{10}NO_2$  or a mixt. of  $SO_2$  +  $C_4H_{10}$ . The expts. are described in detail. 9 references. A. A. Kochtingk

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

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APR 1961

RESEARCH CENTER

MARGOLINA, G. F. 23

Use of cracked gases for deasphalting in the preparation of airplane oils from resinous petroleum. A. V. Drozhnina, G. E. Margolina and G. M. Pisarevskaya. *Vestnik Khim. 20*, No. 11, 45-51 (1939); *Chimie & industrie* 44, 112 (1940); cf. C. A. 34, 1169. In deasphalting distillates, it is advantageous to use as solvents the propane and propylene fractions of cracked gases. These can thus be obtained from highly resinous petroleum (such as Kostobaghyl petroleum) aviation lubricants meeting specifications. A. Poincaré-Couture

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1939: 1170210A

1940: 1170210A

1941: 1170210A

1942: 1170210A

1943: 1170210A

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1946: 1170210A

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2097: 1170210A

2098: 1170210A

2099: 1170210A

2100: 1170210A

22

**MARGOLINA, S. F.**

Production of lubricating oils for airplane motors by treating various oils with electrical discharges. G. F. Margolina and I. L. Fish. *Nefyanos Khim.* 18, No. 8, 35-41 (1937); *Chimie & industrie* 19, 67. Elec. discharges modify considerably the properties of mineral oils. The modifications depend less on the chem. compn. of the oil than on the amt. of elec. energy used per unit vol. As a result of this treatment the viscosity of the oil increases considerably, but at the same time there is an increase in the resin content, coke formation and I go. The optimum working conditions are: temp. 10-70°, pressure 5-20 mm., current under 5000-10000 v. and of 500-700 frequency. However, even these conditions do not give a high-grade oil. By subjecting mixes. of vegetable or animal oils with mineral oils to elec. discharges, oils having Engler viscosities of 150-180° are obtained, which, when added to airplane oils, considerably improve their lubricating properties and viscosity. A. Papineau-Couture

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

MIKHAYLOVA, N.D.; ~~MARGOLINA, E.S.~~

Reply to "Critical Remarks" of D.I.Fin'ko. Lab. delo 6 no.4:31 J1-  
Ag '60. (MIRA 13:12)

(BILE)

(FIN'KO, D.I.)

MIKHAYLOVA, N.D.; MARGOLINA, E.S.

D.I. Fin'ko's "Color reaction of bile". Lab. delo 5 no.1:9-12  
Ja-F '59. (MIRA 12:3)

1. Iz kafedry propedevtiki vnutremikh bolezney (dir. - prof. V.Kh.  
Vasilenko) I Moskovskogo ordena Lenina meditsinskogo instituta imeni  
I.M. Sechenova.

(BILE) (LIVER--DISEASES--DIAGNOSIS)

DIOMIDOV, M.N., inzh.; MARGOLINA, E.G., inzh.

Fishing trawler equipped with refrigeration. Sudestroenie 25  
no.4:1-7 Ap '59. (MIRA 12:6)  
(Fishing boats) (Refrigeration on ships)

PETROV, Mikhail Platonovich; KUNIN, V.N., redaktor; MARGOLINA, D.L., redaktor;  
SHAGOLOV, M.M., redaktor; KASPAR'YANTS, L.I., tekhnicheskii redak-  
tor

[Bibliography on the geography of Iran; bibliography of literature  
in the Russian language (1720-1954)] Bibliografiia po geografii  
Irana; ukazatel' literatury na russkom iazyke (1720-1954) Izd-vo  
Akademii nauk Turkmenskoi SSR, 1955. 234 p. (MLRA 9:4)

1. Chlen-korrespondent Akademii nauk Turkmenskoy SSR (for Kunin)
2. Deystvitel'nyy chlen Akademii nauk Turkmenskoy SSR (for Pet-  
rov)

(Bibliography--Iran--Geography)

SOV/138-53-10-4/10

Ionic Deposition From 1,5-Butadiene Nitrile Latexes

during the resol stage; strong elastic gels and smooth surface coatings could be made in this way (Fig.2 and Table 3). The authors suggest that the specific action of the resorcinol formaldehyde resins in the resol stage is due to the fact that it can be mixed with the latex SKN-40, and that when used as a finely dispersed filler, it affects the structure and the properties of the gel formed during the ionic deposition. There are 3 Tables, 2 Figures and 6 References: 2 English, 2 French, 1 German and 1 Soviet.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovykh i lateksnykh izdeliy (The Research Institute for Rubber and Latex Articles)

Card 2/2

AUTHORS: Margolina, Ch., Genel', M. SOV/138-58-10-4/10

TITLE: Ionic Deposition From 1,3-Butadiene Nitrile Latexes.  
(Ionnoye otlozheniye iz divinilnitril'nykh lateksov)

PERIODICAL: Kauchuk i Rezina, 1958, Nr 10, pp 15 - 17 (USSR)

ABSTRACT: Difficulties arise during the ionic deposition of synthetic latexes which are due to the insufficient strength of the raw gel which is formed by the interaction of the cations of the electrolyte and of the emulsifier of the latex. The possibility of increasing the strength of the gel and of formulating a satisfactory compositions of the latex mixtures was investigated by testing samples of 1,3-butadiene nitrile latexes SKN-40 with various emulsifiers; the composition and some properties of the latex samples are given in Table 1. An aqueous solution of calcium chloride containing kaolin was used. These investigations showed that despite the use of various emulsifiers raw gels still did not show a sufficient degree of strength. Cracks appeared on the forms which were due to contraction during syneresis and drying. This defect could be rectified by introducing into the latex small quantities of resorcinol-formaldehyde resins

Card 1/2

ERLANDTS, V.V., inzh., red.; D'YACHKOV, G.D., inzh., red.; MARGOLINA,  
A.L., red.; IFTINKA, G.A., red. izd-va; CHERKASSKAYA, F.T.,  
tekh. red.

[Construction specifications and regulations] Stroitel'nye  
normy i pravila. Moskva, Gosstroizdat. Pt.1. Sec.V. ch.16.  
[Sheet glass and glass products] Steklo listovoe i steklian-  
nye izdeliia (SNiP I-V. 16-62). 1963. 16 p. (MIRA 16:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam  
stroitel'stva. 2. Gosudarstvennyy komitet Soveta Ministrov  
SSSR po delam stroitel'stva (for Erlandts ). 3. Mezhdome-  
stvennaya komissiya po peresmotru Stroitel'nykh norm i pravil  
Akademii stroitel'stva i arkhitektury SSSR (for D'yachkov).
4. Gosudarstvennyy nauchno-issledovatel'skiy institut stekla  
Vserossiyskogo Soveta Narodnogo Khozyaystva (for Margolina).  
(Glass)

L 59513-65

ACCESSION NR: AP5018527

ENCLOSURE: 01

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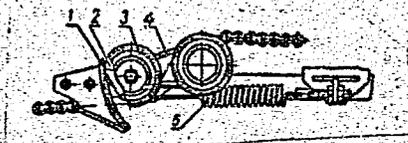


Fig. 1.

*Jim*  
Card 2/2

L 59513-65

UR/0304/65/000/004/0107/0107

ACCESSION NR: AP50:8527

AUTHORS: Solomykin, A. P.; Shatilov, K. V.; Vayzman, M. L.; ~~Margolin, Z. I.~~  
Tregub, N. N.; Durnev, M. D.

3  
B

TITLE: A device for automatic stretching of chains

SOURCE: Mashinostroyeniye, no. 4, 1965, 107

TOPIC TAGS: stretching, chain stretcher

ABSTRACT: This Author Certificate, No. 167412, presents a device for automatic stretching of chains (see Fig. 1 on the Enclosure). The device consists of a roller fixed to a lever, a tension spring 5, and an adjusting screw. To decrease the wear of the chain, the device is provided with a ratchet gear consisting of an immobile toothed sector 1 and a catch 2 fixed on the lever 4 which adjusts roller 3 according to the elongation of the chain. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 000

ENCL: 01

OTHER: 000

SUB CODE: IE

Card 1/2

MARGOLIN, Ye.K.

Producing 106.7 centners of duck meat per 100 hectares.  
Khitsevodstvo 9 no.2:13-15 # '59. (MIRA 12:3)

1. Predsedatel' kolkhoza imeni Tel'mana, Zaslavl'skogo rayona,  
Minskoy oblasti, BSSR.

(Zaslavl' District--Ducks)

USSR / Farm Animals. General Problems. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7269

Author : Margolin, Ye. P.

Inst : ~~Not given~~

Title : Our Experiment of Chemico-Biological Treatment of Coarse Feeds

Orig Pub : Sel'sk. gospadarka Belarusi, 1957, No 12, 27-28

Abstract : Cattle was fed straw cuttings subjected to hydrolysis with steam and hydrochloric acid. After hydrolysis, not less than 4-8 percent of sugar which was partially obtained from cellulose, was found in the cuttings. When she is fed 10-12 kg of hydrolysed cuttings, the cow receives 700-800 gr of sugar. The

Card 1/2

BOGORAD, Daniil Il'ich, doktor geogr. nauk; MARGOLIN, Ya.A.,  
red.

[Constructive geography of a region; principles of regional  
planning] Konstruktivnaia geografiia raiona; osnovy raion-  
noi planirovki. Moskva, Mysl', 1965. 406 p.  
(MIRA 18:5)

MIL'KOV, Fedor Nikolayevich; MARGOLIN, Ya.A., red.; KONOVALYUK,  
I.K., mlad. red.

[Natural zones of the U.S.S.R.] Prirodnye zony SSSR. Mo-  
skva, Izd-vo "Mysl'," 1964. 324 p. (MIRA 17:7)

404

New Geometry of Thread Cutting Tools

117-3-9/28

tested.

There are 4 figures.

AVAILABLE: Library of Congress

Card 2/2

*Margolin, V. T.*

AUTHOR: Margolin, V.T., Engineer

117-3-9/28

TITLE: New Geometry of Thread Cutting Tools (Novaya geometriya rez'-bonareznogo instrumenta)

PERIODICAL: Mashinostroitel', 1958, # 3, p 24-25 (USSR)

ABSTRACT: Thread cutting in stainless and austenitic steels by using taps, dies and other multi-edge tools presents great difficulties, and sometimes, the same tools and technology produce threads of different accuracy and finish on the same kind of materials. The author explains the well known phenomenon of the better stability of the first of three taps used for cutting internal threads and why heat concentrates in the cutting edges of the third, finishing tap, thereby causing softening and deformation of the acute "nose".

The article also contains a detailed description of a new tap design developed by the plant "Ekonomayzer", which eliminates the drawbacks of the conventional design and produces internal thread of the second accuracy class in stainless steel without rejects by dimensions, and even without special sharpening and coolants.

The plant has as yet no data on cutting external threads with dies of this new geometric form. New round dies will soon be

Card 1/2

MARGOLIN, V.T.  
MARGOLIN, V.T., inzh.

New geometry for thread cutting tools. Energomashinostroenie  
3 no.12:40-41 D '57. (MIRA 11:1)  
(Cutting tools)

80783

S/137/60/000/01/07/009

A Universal Ultrasonic -38 (UZD-38 Type) Flaw-Detector for Detection of Defects in Titanium, Non-Ferrous and Ferrous Metals

the piezoplates under operational conditions. The design of the equipment was devised for the operation in shops. The dimensions are 505 x 315 x 235 mm, the weight is 20 kg. The flaw detector may be used in enterprises of the non-ferrous metallurgy for 1) detection of defects in ingots of Ti and its alloys; 2) detection of defects in work-pieces of non-ferrous metals and their alloys; (Al, brass, bronze and others); 3) for the checking of technological equipment as to the absence of internal defects; 4) for measuring the wall thickness of work pieces made of ferrous and non-ferrous metals with one-way access (boilers, pipes, reservoirs, etc). The main electrical circuit diagrams of the device are given and special features in its design are described.

V.O.

Card 2/2

80783

S/137/60/000/01/07/009

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No 1, p 265,  
# 1780

18.8400

AUTHORS:

Birger, G.I., Margolin, V.S.

TITLE:

A Universal Ultrasonic <sup>8</sup>УЗД-38 (UZD-38 Type) <sup>14</sup>Flaw-Detector  
for Detection of Defects in Titanium, Non-Ferrous and Ferrous  
Metals <sub>14</sub> <sub>17</sub>

PERIODICAL: Sb. materialov po avtomatiz. protsessov i dispetcherizatsii,  
No 3, Moscow, 1958, pp 134 - 148 <sub>21</sub> J

TEXT: Information is given on the UZD-38 flaw detector having the following advantages. Four operating frequencies: on the basis of an analysis of data available on the acoustic characteristics of non-ferrous metals, frequencies of 0.5; 1.5; 3.0 and 5.0 Mc were selected. The sensitivity of the device exceeds that of the UZD-7n flaw detector not less than by a factor of 10. The device is equipped with a reliable and handy depth gage for determining the location depth of the defects revealed. The flat feelers of the device are dismountable; this makes it possible to replace

Card 1/2

MARGOLIN, V.N. [Markholin, V.N.]

Afferent routes of interoceptive reflexes from the gonads.  
Vestsi AN BSSR Ser. biol. nav. no. 1:92-98'63. (MIRA 16:9)  
(~~OVARIES~~—INNERVATION)

RAZUMOVICH, M.B.; MARGOLIN, V.N. [Marholin, V.N.]

Afferent arcs of interoceptive reflexes from the canine uterus.  
Fiziol.zhur. [Ukr.] 10 no.4:527-529 Ji-Ag '64.

(MIRA 18:11)

1. Kafedra fiziologii Brestskogo pedagogicheskogo institut i  
laboratoriya serdechno-sosudistoy fiziologii AN Belorusskoy  
SSR, Minsk.

RAZUMOVICH, M.B.; MARGOLIN, V.N. [Marholin, V.N.]

Electrocardiographic data obtained following the transection of the spinal cord and some vegetative nervous formations. Vestsi AN BSSR Ser. biial. nav. no.1:65-72 '62. (MIFA 17:9)

RAZUMOVICH, M.B., MARGOLIN, V.N.

Changes in the functional properties of nerves at the poles of direct current due to the action of phytoncides on nerve centers. Nauch. dokl. vys. shkoly; biol. nauki no.4:66-70 '61.

(MIRA 14:11)

1. Rekomendovana kafedroy normal'noy fiziologii Brestskogo pedagogicheskogo instituta.

(NERVES)

(PHYTONCIDES)

(ELECTROPHYSIOLOGY)

RAZUMOVICH, M.B.; MARGOLIN, V.N.

Effect of phytonicides of garlic, onion and birdcherry on the depar-  
biotizing activity of nervous centers. Nauch. dokl. vys. shkoly;  
biol. nauki no.2:107-115 '61. (MIRA 14:5)

1. Rekomendovana kafedroy normal'noy fiziologii Brestskogo pedagogiche-  
skogo instituta.

(PHYTONCIDES)

(NERVOUS SYSTEM)

RAZUMOVICH, M.B.; MARGOLIN, V.N.

Physiological effect of phytoncides. Nauch.dokl.vys.shkoly; biol.  
nauki no.2:78-83 '60. (MIRA 13:4)

1. Rekomendovana kafedroy normal'noy fiziologii Brestskogo pedago-  
gicheskogo instituta.  
(PHYTONCIDES) (NERVES)

MARGOLIN, V.N.

The redistribution of accumulated leukocytes in the lungs without  
an inflammatory process [with summary in English]. Trudy LSGMI  
41:178-191 '58 (MIRA 11:11)

(LUNGS, pathol.)

redistribution of accumulated leukocytes in non-in-  
flamed lungs (Rus))

(LEUKOCYTES,

redistribution of accumulated leukocytes in non-  
inflamed lungs, postmortem findings (Rus))

MARGOLIN, V L.

USSR/General Section

A

Abs Jour : Referat Zhur - Fizika, No 5, 1957, No 10760

Author : Margolin, V.L.

Inst : Not given

Title : Experiments With Vacuum Tubes.

Orig Pub : Fizika v shkole, 1956, No 6, 60-62

Abstract : No abstract.

Card 1/1

(MARGOLIN, V. A. gornyy inzh.

Measures for a drastic cut of anthracite culms in the Donets Basin  
mines. Ugol' 34 no.7:55-58 J1 '59. (MIRA 12:10)  
(Donets Basin—Anthracite coal)  
(Coal preparation)

BULGAKOV, Fedor Nikitovich, GUSAROVA, Mariya Afrikanovna, STOROZHENKO, Aleksandr Panteleyevich; MARGOLIN, V.A. otvetstvennyy redaktor; GARBER, T.N., redaktor izdatel'stva; ANDREYEV, G.G., tekhnicheskiy redaktor

[Work practices of the Kalmius central coal preparation plant] Opyt raboty Kal'miusskoi tsentral'noi ugleobogatitel'noi fabriki. Moskva, Ugletekhizdat, 1956. 28 p. (MLRA 9:12)  
(Donets Basin--Coal preparation)

ZEL'DIN, Boris Borisovich; MARGOLIN, V.A., redaktor; SVIRIDOVA, F.A.,  
redaktor; NADENSKAYA, A.A., tekhnicheskii redaktor.

[Technical control in a factory producing coal briquets] Tekhni-  
cheskii kontrol' na uglebriketnoi fabrike. Moskva, Ugletekhizdat,  
1955. 39 p. (MLRA 8:11)  
(Briquets (Fuel))

SHEVCHENKO, Yevgeniy Pavlovich; MARGOLIN, V.A., redaktor; RYKOV, N.A. redaktor;  
NADEINSKAYA, A.A., tekhnicheskii redaktor

[Coal for coking] Ugli dlia koksovaniia. Moskva, Gos. nauchno-tekhn.  
izd-vo lit-ry po ugol'noi promysh., 1955. 31 p. (MLRA 9:1)  
(Coke)

HUDENEO, K.G.; MARGOLIN, V.A.; ADITRYEVSKAIA, N.M.

[Wet ash and dust-catching systems] Mokrye zolouloviteli i pylouloviteli. Moskva, Ugletekhizdat, 1953. 58 p. (MLRA 7:1)  
(Coal preparation) (Dust--Removal)

MARGOLIN, V. A.

Otsadochnye mashiny dlia oborashcheniia uгля [Jigging machine for  
concentrating coal]. Moskva, Vyshtekhnizdat, 1952. 48 p.

C: Monthly List of Russian Accessions, Vol. 6 no. 11 February 1954



MARGOLIN, V.

From waste rock. Sov. shakht. 13 no.3:4-5 Mr '64. (MIRA 17:3)

MARGOLIN, R.D.

Results of using media with antibiotics for the isolation  
of dysentery pathogens. Zhur. mikrobiol., epid. i immun. 42  
no.7:29-33 J1 '65. (MIRA 18:11)

1. Nizhne-Tagil'skaya gorodskaya sanitarno-epidemiologicheskaya  
stantsiya.

MARGOLIN, Samuil Yevseyevich, OSADCHENKO, P.I.; FLEKSER, M.G.; KUTUMOVA,  
Ye.N., red.; POLYAKOV, N.G., red.

[Manual for clerks in drugstores and other pharmacy enterprises]  
Spravochnik dlia rabotnikov ruchnoi prodazhi v aptekakh i  
drugikh aptechnykh uchrezhdeniakh; pod red. E.N.Kutumovoi i  
N.G.Poliakova. Moskva, Medgiz, 1958. 227 p. (MIRA 12:6)  
(DRUGS)

MARGOLIN S.S.  
KOBENEV, N.I., inzhener; MARGOLIN, S.S., inzhener.

Making plywood from aspen with albumen glue. Der. 1 lesokhim.  
prom. 3 no.10:25-26 0 '54. (MLRA 7:11)

1. Rechitskiy mebel'nyy kombinat.  
(Plywood)

MARGOLIN, S.S.; MOROZOVSKIY, B.I.

Laying veneer on boards by the hot method. Der.1 lesokhim.prom. 2 no.12:26  
D '53. (MLRA 6:11)

1. Rechitskiy mebel'nyy kombinat.

(Veneers and veneering)

MARSHALL, G. G.

A report on the blast-furnace industry. Moscow, Gos. nauka-izdat. in-ye  
lit-ry po chemii i svyazni mater'ialov, 1967. 231 p. (SI-30637)

SI-30637

MARGOLIN, S.N.

Surgery for opening large caverns in tuberculosis patients. Zdrav.  
Belor. 5 no.9:8-10 S '59. (MIRA 12:12)

1. Iz Gomel'skoy oblastnoy tuberkuleznoy bol'nitsy (glavnyy vrach  
A.P. Bondarenko).

(LUNGS--SURGERY)

MARGOLIN, Charl' Moiseyevich; SHUMILOVSKAYA, I.P., red.

[Precise stopping of electric drives] Technaia ostanovka  
elektroprivodov. Moskva, Energiia, 1965. 88 p. (Biblio-  
teka elektromontera, no.153) (MIRA 18:8)

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"Elektrichest" No 4

Soviet industry is sorely in need of invention of a series of apparatus for use in high-frequency heating technology. Mentions work done by SevZapPromElektro-Pech in this field of research and successes achieved. Some machines and equipment have already been placed in various industries and authors ask that workers operating equipment send in testimonials or criticisms.

PA 60T27

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